

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11246282
PUBLICATION DATE : 14-09-99

APPLICATION DATE : 04-03-98
APPLICATION NUMBER : 10051638

APPLICANT : TOSOH CORP;

INVENTOR : YOSHIMURA TAKAHARU;

INT.CL. : C04B 38/08 B01D 53/02 B01J 20/18 C01B 39/22

TITLE : X-ZEOLITE BEAD COMPACT AND ITS PRODUCTION

ABSTRACT : PROBLEM TO BE SOLVED: To produce an X-zeolite bead compact having a high adsorption capacity because of its large pore volume and large pore surface area, also having superior adsorption performance such as a high adsorption rate and excellent in physical properties with regard to strength typified by pressure withstanding strength.

SOLUTION: The X-zeolite bead compact comprises X-zeolite powder having an SiO_2 to Al_2O_3 molar ratio of 2.3-2.7 and a clay binder having a fibrous one-dimensional structure and has ≥ 0.25 cc/g pore volume and ≥ 20 m^2/g pore surface area.

COPYRIGHT: (C)1999,JPO